

Experiment Number: 93027-31
Species/Strain: Rat/Sprague-Dawley

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/26/2014
Time Report Requested: 04:14:24
First Dose M/F: NA / NA
Lab: NA

C Number: C93027D
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male

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MALE

Treatment Groups	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g	Cholesterol mg per dL	Estradiol pg per mL	Follicle Stimulating Hormone ng per mL
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Day 91

0 ppm	495.1 ± 64.2	80 ± 9.5	35.2 ± 13.5	125.3 ± 14.4	102.2 ± 5.4	8.6 ± 1.1
5 ppm	662.9 ± 97**	84 ± 7.8	64.7 ± 25.7**	124.5 ± 14.6	114.7 ± 7.4	9.9 ± 2.1
10 ppm	795.8 ± 116.3**	85 ± 13.7	59 ± 15.8**	130.6 ± 8.3	113.6 ± 4.7	9.5 ± 1.2
50 ppm	1302 ± 119.8**	98 ± 21.1	139.5 ± 48.2**	122.7 ± 27.1	104.1 ± 9.6	7.5 ± 0.8
100 ppm	1359.4 ± 267.2**	88.6 ± 18.4	144.5 ± 79.8**	133.6 ± 22.3	101.3 ± 8.3	7.1 ± 1.6
500 ppm	1702.5 ± 430.7**	111.2 ± 17.8**	120.1 ± 54.7**	118.9 ± 21.4	95.9 ± 9.3	9.8 ± 2.1

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

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Treatment Groups	Luteinizing Hormone ng per mL	SDH IU per L	Testosterone ng per mL	Triglycerides mg per dL
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Day 91

0 ppm	0.4 ± 0.1	21.6 ± 4.2	0.8 ± 0.5	122.4 ± 25.1
5 ppm	0.5 ± 0.1	20.8 ± 3.4	1 ± 0.6	122.8 ± 39.1
10 ppm	0.5 ± 0.3	23.8 ± 6.1	1.3 ± 0.6	125.4 ± 30.3
50 ppm	0.6 ± 0.3	29.6 ± 7.7	1 ± 1	158.2 ± 30.7
100 ppm	0.3 ± 0.4	24.4 ± 4.4	1.4 ± 1.4	143.9 ± 23.8
500 ppm	0.7 ± 0.4	24.7 ± 2.9	1.8 ± 0.9	126.7 ± 35.4

** END OF REPORT **

*p < 0.05

**p < 0.01

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